

Transportation 101

Moving People and Goods



Overall Transportation Funding

How much is being invested in transportation today?

- In 2005, highway, transit and rail investment nationally totaled \$88 billion from federal, state and local sources
- 2007-09 Washington State Transportation Budget: \$7.53 billion per biennium
- Combined county, city and transit investment from local sources: over \$3 billion annually

The Infrastructure Deficit

What is Needed Nationwide?

AASHTO estimates annual modal investment needed:

- Highways and Transit \$187 billion
- Freight Rail (public and private) \$12 billion
- Intercity Passenger Rail \$3.3 billion

FAA estimates \$8-10 billion for Air Traffic Control improvements over next 10 years

Washington Transportation Plan

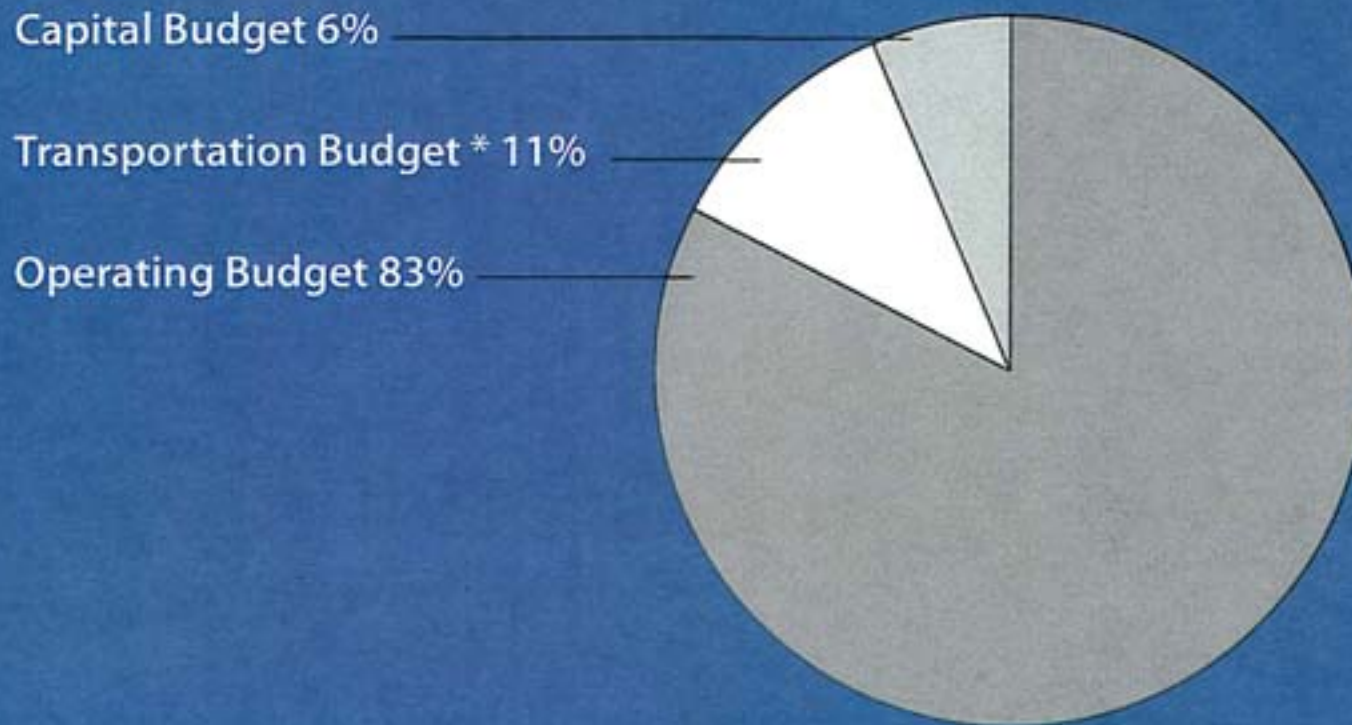
- The Pacific Northwest shares the national infrastructure challenges
- The Washington Transportation Plan (WTP) is a comprehensive 20-year look at statewide transportation needs and investment priorities
- Addresses all levels of government
- Looks at private sector needs, investment, and actions

Washington Transportation Plan



- Identifies a need to invest over \$67 billion over the 20 years ... (2005 dollars)
- \$38 billion of which is unfunded
- Does not include local transit needs

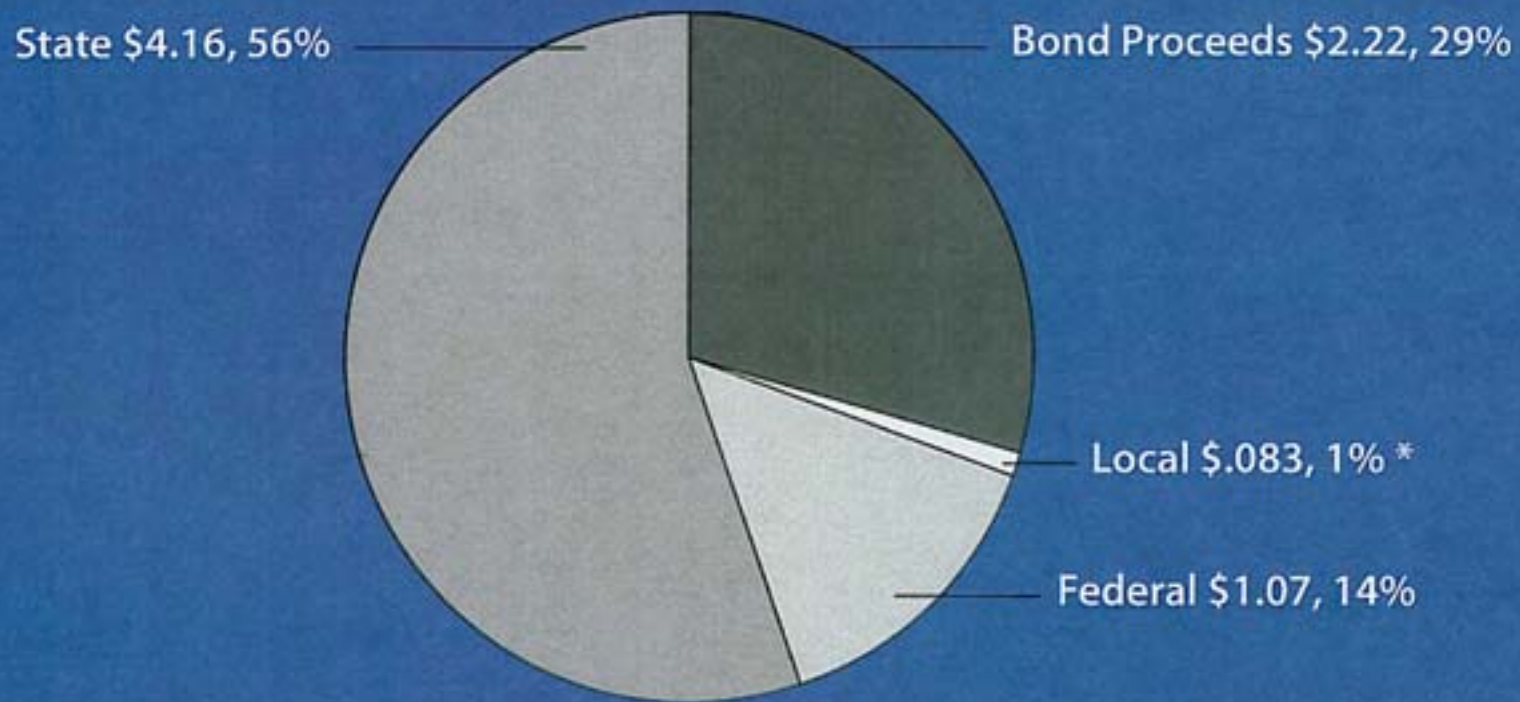
2007-09 State Budget (\$71.0 Billion)



*The Transportation Budget includes funding for Washington State Patrol and Department of Licensing

Where Does Transportation Money Come From?

2007-09 Transportation Budget (in Billions)



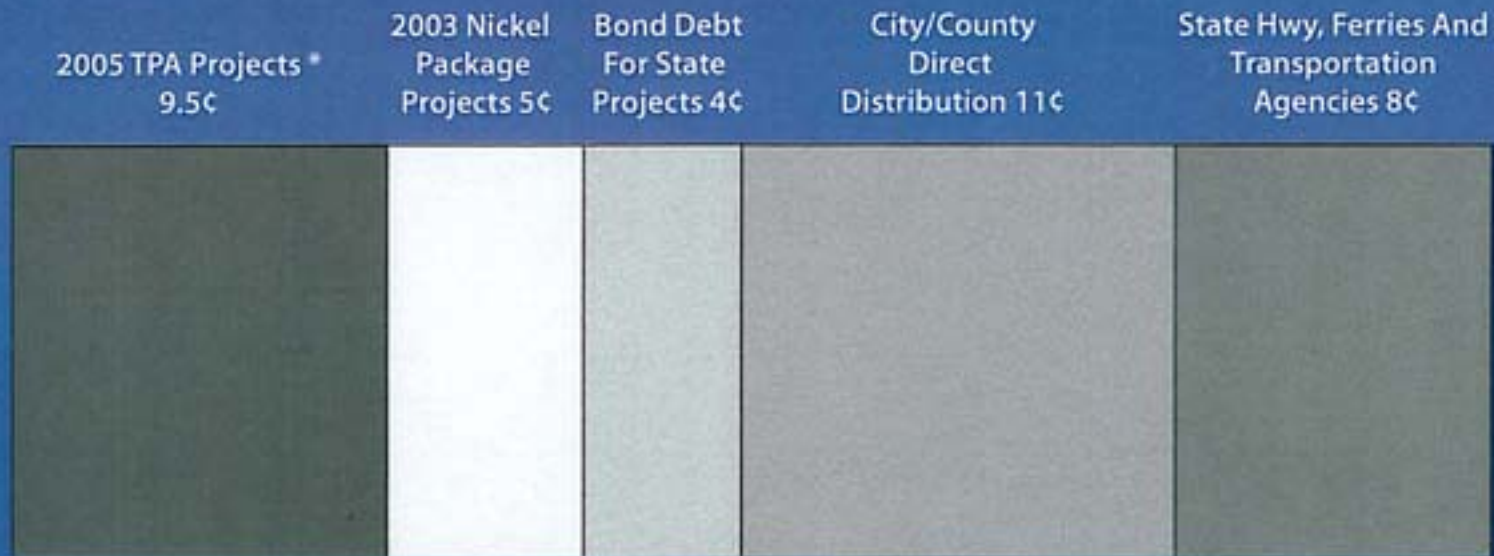
* payments for contracted work

Major State And Federal Transportation Fund Sources



- Federal gas tax –18.4¢ per gallon
- State gas tax – 37.5¢
- State car and truck weight fees
- Ferry fares – about 70% of operating costs

Where Does The State Gas Tax Money Go?



37.5¢ Washington State gas tax (July 1, 2008)

* 8.5¢ of TPA revenue funds state highway projects; 1¢ goes to counties and cities for road and street improvements

City Transportation

- Cities and towns have 16,421 miles of streets
- 70% of cities' transportation funding comes from local revenue sources, largely sales tax
- 11% of cities' transportation revenue is federal funds
- 19% of cities' transportation revenue comes from state
 - primarily 2.96¢ of state gas tax
 - also grants from Transportation Improvement Board

County Transportation

- Counties have 39,900 miles of roads in unincorporated areas
- About 62% of counties' transportation funding is locally generated, primarily from the county road share of the property tax
- 11% of counties' transportation revenue is federal funds
- About 27% of counties' transportation funding comes from state revenues
 - 4.92¢ of gas tax
 - grants and distributions from County Road Administration Board
 - grants from Transportation Improvement Board

Transit Agencies



Most local transit service revenue comes from:

- Locally-approved sales tax
- Fare box receipts
- Federal grants

WTP Investment Priorities

Because it is unlikely that the state will generate enough money to meet all the unfunded needs, the Transportation Commission adopted these priorities for future investment:

- Preservation
- Safety
- Economic Vitality
- Mobility
- Environmental Quality and Health



#1: PRESERVATION

- Fundamental transportation investment is system preservation
- Preservation is the foundation for other investment guidelines

#2: SAFETY

Safety of the traveling public is the state's highest priority



New cable median barrier along I-5 helped prevent this semi truck from crossing the median.

WSDOT snow removal crews faced record snow and avalanche conditions last winter at Snoqualmie Pass.

#3: ECONOMIC VITALITY



- Basic user benefits (mainly reduced operating and production costs, reduced passenger and freight delay and reduced accidents)
- Jobs from project construction and the multiplier effect
- Economic productivity increases
- Development for local or regional economies

#4: MOBILITY

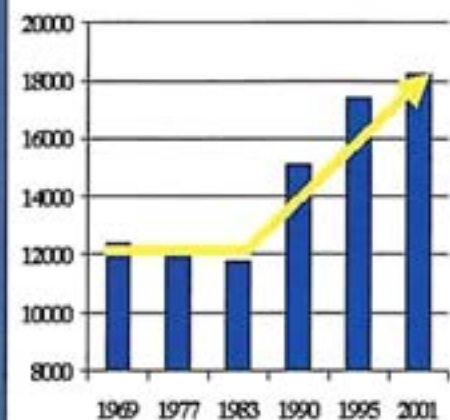
- Provide connectivity and reliability to work, to customers, to friends, to activities, to shopping
- Reduce congestion on our most heavily traveled highways with transit and traffic management programs



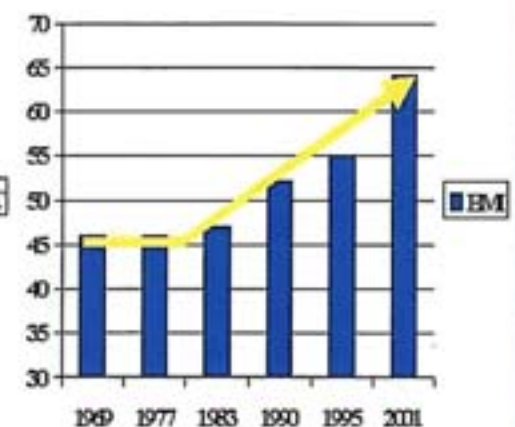
#5: ENVIRONMENTAL QUALITY & HEALTH



- Transportation systems affect the natural environment and our own health
- Compare growth in Vehicle Miles Traveled (VMT) with growth in obesity



Growth trend for annual household vehicle miles of travel
(50% overall growth)



Growth trend for percent of Americans 'overweight'
(40% overall growth)

No One Single Answer

many modes, plans and strategies



- Tolling Studies I and II
- Rail Capacity and Needs Analysis
- Long-term revenue strategies
- Highway System Plan
- Ferry System/Finance Plans
- Public Transportation Plan
- Long-Term Air Transportation Study
- State Bike-Pedestrian Plan

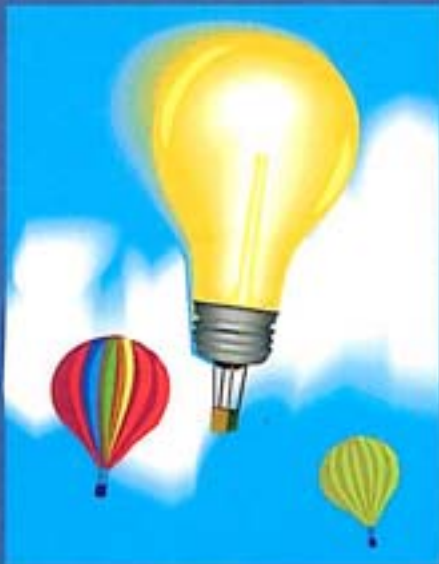
"Like all public monopolies, highways give you the impression of a free good. They are not.

I ask that we bear in mind one simple adage:
just as there is no such thing as a free lunch, there is no such thing as a 'free way.' The only real questions are: who pays, who benefits, and how much?"

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- Senator Daniel Patrick Moynihan, Chairman, Environment and Public Works Committee (1991)
 - He successfully led the effort to change the traditional highway bill into an intermodal bill – known as ISTEA.



Time To Look At New Solutions



- Technology
- Innovation
- Efficiencies
- Partnerships

Technology And Efficiency



Two toll facilities currently underway:

- Tacoma Narrows Bridge
- SR 167 High Occupancy Toll (HOT) Lanes Pilot Project

When To Use Tolling:

- To help pay for construction
- To optimize system performance, such as with an HOV/Tolled Express Lane
- Doesn't divert traffic to other routes



Partnerships



Stronger and more consistent partnerships among levels of government, and between governments and the private sector, are needed to develop and deliver transportation improvements and operations.

Innovation And Partnerships



Moving your perishables on the right track.

Railex

Shipping perishable produce
cross-country in 4 to 5 days



Examples Of Partnerships

- Port of Tacoma, Fife and I-5 improvements
- The Grape Line
- Columbia River Crossing



The End

